

ABSTRACT OF THE DISCLOSURE

A lens assembly includes a first group of lens having negative power, a second group of lens having positive power, and a third group of lens having positive power arranged in sequence from an object side. A gap between the first group of lens and the second group of lens is reduced and a gap between the second group of lens and the third group of lens is widened when wide mode changed to Tele mode. The first group of lens has a negative meniscus lens with a convex surface facing the object side and a positive meniscus lens with a convex surface facing the object side. The second group of lens has a positive glued-lenses and a negative meniscus lens with a convex surface facing the object side. The third group of lens is a bi-convex lens.